

**Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, July 2019**  
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
<b>Crude Oil</b> .....	<b>330</b>	<b>37</b>	<b>0</b>	<b>3,506</b>	<b>70,403</b>	<b>6,581</b>	<b>6,828</b>	<b>1,937</b>	<b>31,774</b>
<b>Petroleum Products</b> .....	<b>16,854</b>	<b>80</b>	<b>0</b>	<b>15,524</b>	<b>37,769</b>	<b>8,428</b>	<b>4,637</b>	<b>105,481</b>	<b>20,951</b>
<b>Natural Gas Liquids</b> .....	<b>6,217</b>	<b>54</b>	<b>0</b>	<b>2,210</b>	<b>25,722</b>	<b>4,635</b>	<b>423</b>	<b>891</b>	<b>7,449</b>
Ethane .....	4,508	0	—	0	9,290	641	—	0	853
Propane .....	934	0	0	1,717	8,596	2,175	158	891	835
Normal Butane .....	140	0	0	255	3,903	954	140	0	318
Isobutane .....	360	54	0	238	1,523	351	125	0	728
Natural Gasoline .....	275	0	—	0	2,410	514	—	0	4,715
Refinery Olefins .....	0	0	—	298	592	—	—	0	0
Ethylene .....	—	—	—	—	—	—	—	—	—
Propylene .....	0	0	—	298	592	—	—	0	0
Normal Butylene .....	—	—	—	—	—	—	—	—	—
Isobutylene .....	—	—	—	—	—	—	—	—	—
Unfinished Oils .....	18	0	—	0	888	—	—	0	213
Motor Gasoline Blending Components .....	7,474	0	0	1,236	1,738	1,506	0	59,870	8,317
Reformulated - RBOB .....	0	0	0	0	298	—	0	9,571	4,639
Conventional .....	7,474	0	0	1,236	1,440	1,506	0	50,299	3,678
CBOB .....	7,474	0	0	1,236	1,157	1,506	0	50,123	2,798
GTAB .....	—	—	—	—	—	—	—	—	—
Other .....	0	0	0	0	283	—	0	176	880
Renewable Fuels .....	0	0	0	9,358	5,058	548	4,074	275	0
Fuel Ethanol .....	0	0	0	9,225	4,891	490	3,724	230	0
Renewable Diesel Fuel <sup>2</sup> .....	0	0	0	133	167	57	350	45	0
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline .....	113	0	0	218	157	158	0	1,821	1,389
Reformulated .....	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	113	0	0	218	157	158	0	1,821	1,389
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Ed55 and Lower .....	—	—	—	—	—	—	—	—	—
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	113	0	0	218	157	158	0	1,821	1,389
Finished Aviation Gasoline .....	0	0	—	0	0	—	—	118	25
Kerosene-Type Jet Fuel .....	331	0	0	87	0	943	0	15,919	1,615
Kerosene .....	—	0	—	0	0	—	—	32	—
Distillate Fuel Oil .....	2,701	0	0	1,038	1,693	638	0	25,087	1,470
15 ppm sulfur and under .....	2,701	0	0	1,038	1,693	638	0	23,794	1,415
Greater than 15 ppm to 500 ppm sulfur .....	0	0	—	—	0	—	—	—	55
Greater than 500 ppm sulfur .....	—	0	—	0	0	—	—	1,293	—
Residual Fuel Oil .....	0	0	—	—	1,103	—	—	—	0
Petrochemical Feedstocks .....	0	0	—	0	140	—	—	305	0
Naphtha for Petrochemical Feedstock Use .....	0	0	—	—	140	—	—	—	0
Other Oils for Petrochemical Feedstock Use .....	—	0	—	0	0	—	—	305	—
Special Naphthas .....	0	0	—	—	0	—	—	—	26
Lubricants .....	0	0	0	0	0	—	0	490	140
Waxes .....	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke .....	0	26	0	576	564	0	24	0	0
Asphalt and Road Oil .....	0	0	0	503	114	0	116	673	304
Miscellaneous Products .....	0	0	—	—	0	—	—	—	3
<b>Total</b> .....	<b>17,184</b>	<b>117</b>	<b>0</b>	<b>19,031</b>	<b>108,172</b>	<b>15,009</b>	<b>11,465</b>	<b>107,418</b>	<b>52,725</b>

See footnotes at end of table.

**Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, July 2019**  
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to		
	4	5	1	2	3	5	1	3	4
<b>Crude Oil</b> .....	0	390	0	25,799	1,261	0	0	0	0
<b>Petroleum Products</b> .....	0	5,105	0	12,788	3,535	2,079	0	120	50
<b>Natural Gas Liquids</b> .....	0	169	0	11,480	3,322	86	0	0	0
Ethane .....	0	—	0	2,041	842	—	0	0	0
Propane .....	0	0	0	4,888	1,154	61	0	0	0
Normal Butane .....	0	132	0	2,082	391	25	0	0	0
Isobutane .....	0	37	0	862	320	0	0	0	0
Natural Gasoline .....	0	—	0	1,607	615	—	0	0	0
Refinery Olefins .....	—	—	0	0	0	—	0	0	—
Ethylene .....	—	—	—	—	—	—	—	—	—
Propylene .....	—	—	0	0	0	—	0	0	—
Normal Butylene .....	—	—	—	—	—	—	—	—	—
Isobutylene .....	—	—	—	—	—	—	—	—	—
Unfinished Oils .....	—	—	0	0	0	—	0	0	—
Motor Gasoline Blending Components .....	0	3,777	0	212	0	958	0	0	0
Reformulated - RBOB .....	—	2,260	0	0	0	0	0	0	—
Conventional .....	0	1,517	0	212	0	958	0	0	0
CBOB .....	0	1,340	0	212	0	958	0	0	0
GTAB .....	—	—	—	—	—	—	—	—	—
Other .....	—	177	0	0	0	0	0	0	—
Renewable Fuels .....	0	399	0	0	0	27	0	0	50
Fuel Ethanol .....	0	287	0	0	0	27	0	0	0
Renewable Diesel Fuel <sup>2</sup> .....	0	112	0	0	0	0	0	0	50
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline .....	0	0	0	472	0	342	0	0	0
Reformulated .....	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	0	0	0	472	0	342	0	0	0
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Ed55 and Lower .....	—	—	—	—	—	—	—	—	—
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	0	0	0	472	0	342	0	0	0
Finished Aviation Gasoline .....	—	—	0	0	0	—	0	0	—
Kerosene-Type Jet Fuel .....	0	199	0	12	0	10	0	0	0
Kerosene .....	—	—	0	—	0	—	0	0	—
Distillate Fuel Oil .....	0	522	0	357	0	344	0	0	0
15 ppm sulfur and under .....	0	522	0	357	0	344	0	0	0
Greater than 15 ppm to 500 ppm sulfur .....	—	—	—	0	0	—	—	0	—
Greater than 500 ppm sulfur .....	—	—	0	—	0	—	0	0	—
Residual Fuel Oil .....	—	—	—	0	0	—	—	0	—
Petrochemical Feedstocks .....	—	—	0	0	0	—	0	0	—
Naphtha for Petrochemical Feedstock Use .....	—	—	—	0	0	—	—	0	—
Other Oils for Petrochemical Feedstock Use .....	—	—	0	—	0	—	0	0	—
Special Naphthas .....	—	—	—	0	0	—	—	0	—
Lubricants .....	—	0	0	0	0	0	0	96	—
Waxes .....	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke .....	0	0	0	0	174	0	0	24	0
Asphalt and Road Oil .....	0	40	0	255	39	312	0	0	0
Miscellaneous Products .....	—	—	—	0	0	—	—	0	—
<b>Total</b> .....	0	5,495	0	38,587	4,796	2,079	0	120	50

— = No Data Reported.

<sup>1</sup> Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

<sup>2</sup> Renewable diesel fuel includes biodiesel and other renewable diesel.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.